



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. PC10343B	SERIAL NO. 10/686,390
	APPLICANT Graham Nigel Maw, et al.	
	FILING DATE October 15, 2003	GROUP 1647 1657

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
/PM/	US	3	9	6	9	3	5	8	7-13-76	Amselem	260	294.8	
	US	4	0	4	0	0	1	8	7-7-88	Kraus	514	302	
/PM/	US	5	1	9	2	8	0	0	3-9-93	Bamish, et al	514	510	
/PM/	US	5	3	4	6	9	0	1	9-13-94	Bell et al	514	258	
										Equivalent to RU2114114			
/PM/	US	5	8	7	7	2	1	6	3-2-99	Place et al	514	573	
/PM/	US	5	9	4	5	1	1	7	8-31-99	El-Rashidy, et al	424	430	
/PM/	US	6	7	3	4	1	8	6	5-11-04	Maw, et al	514	263.1	
										Equivalent to Application US09/708,392			
/PM/	US	2003	0	0	2	7	8	2	4	2-6-03	514	234.5	
										Equivalent to RU2130776			
/PM/	US	2004	0	0	6	7	9	4	5	4-8-04	514	243	
										Equivalent to WO99/24433			

FOREIGN PATENT DOCUMENTS													
DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
													YES NO
	JP	8	2	6	4	6	0	1	1990	JP	28	40	
										No Equivalent			
/PM/	WO	9	1	0	4	0	3	2	4-4-91	PCT	A61K 31	70	
/PM/	WO	0	2	0	7	9	1	4 3	10-10-02	PCT	C07C	235/82	
/PM/	WO	0	2	0	2	5	1	3	1-10-02	PCT	C07C	237/22	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
/PM/			Zusman, et al., American Journal of Cardiology, "Overall Cardiovascular Profile of Sildenafil Citrate, Vol 83, pp. 35c-44c (1999)										
/PM/			Spillantini, et al., Biochemical Pharmacology, "Characterization of Endopetidase 3.4.24.11 ("Enkephalinase") Activity In Human Plasma and Cerebrospinal Fluid", Vol 39(8) pp. 1353-1356 (1990)										

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/PM/		Seiichiro, et al., <u>Chemical Abstract</u> , "Effect of nitodrine hydrochlorid on uterine activity and maternal and fetal circulation in the pregnant sheep", Vol. 100(11), pg540 (1984)	
/PM/		Dubertret, et al., <u>Chemical Abstract</u> , "Fluorescence detection of an 8-methoxypsoralen metabolite in human interstitial fluid" Vol. 97(151), pg. 712, (1982)	
/PM/		Yandle, et al., <u>Clinical Chemistry</u> , "Assay of Endopeptidase-24.11 Activity in Plasma Applied to In Vivo Studies of Eendopeptidase Inhibitors", Vol. 38(9), pp. 1785-1791, (1992)	
/PM/		Wayman, et al., <u>International Journal of Impotence Research</u> , "10 th World Congress of the International Society for Sexual and Impotence Research", Vol 14(3), page S-7, (2002)	
/PM/		Wayman, et al., <u>International Society for the Study of Women's Sexual Health Annual Meeting</u> , "Evidence that Neutral Endopeptidase is Involved in the Regulation of Female Genital Blood Flow, Page 34 Program Book, October 10-13, 2002, (plus PowerPoint Presentation)	
/PM/		Burnett, et al., <u>Journal of Hypertension</u> , "Vasoptidase inhibition: a new concept in blood pressure management", Vol 17, pp. S37-S43 (1999)	
/PM/		Fink, et al., <u>Journal of Medical Chemistry</u> , "Mercaptoacyl Dipeptides as Orally Active Dual Inhibitors of Angiotensin-Converting enzyme and Neutral Endopeptidase", Vol. 39, pp. 3158-3168, (1996)	
/PM/		Zhang, et al., <u>Peptides</u> , "ELISA for the Neuropeptide Degrading Endopeptidase 3.4.24.11 in Human Serum and Leukocytes, Vol 15(5), pp. 843-848, (1994)	
EXAMINER		DATE CONSIDERED	
/Paul Martin/		03/30/2007	

10/686,390

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/PM/	US	4	6	6	6	9	0	8	5/19/87	Hamilton	514	229		
	US	5	5	7	4	0	6	8	11/12/96	Stamler, et al.	514	562		
	US	5	6	8	1	5	2	7	11/9/99	Daugan, et al.	514	290		
	US	5	8	6	1	3	9	6	1/19/99	Niewohner, et al.	514	234.2		
	US	5	6	1	2	3	1	4	3/18/97	Stamler, et al.	514	13		
	US	6	0	4	3	2	5	2	3/28/00	Bombrun	514	292		
	US	6	2	9	4	5	5	0	9/25/01	Place, et al.	514	302		
	US	6	3	1	6	4	5	7	11/13/01	Garvey, et al.	514	263		
/PM/	US	6	3	0	6	8	4	1	10/23/01	Place, et al.	514	149		
FOREIGN PATENT DOCUMENTS														
DOCUMENT NUMBER									DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
/PM/	EP	0	9	1	1	3	3	9	4/24/99	European	C07D	487/04		
	EP	0	7	7	3	7	9	9	7/5/97	European	C07D	473/00		X
	EP	0	2	7	4	4	3	4	7/13/88	European	C07D	409/06		
	WO	9	7	3	4	0	8	2	4/4/91	International	A61K	37/02		
	WO	9	7	2	5	8	2	1	6/12/97	International	C07D	239/95		
	WO	9	7	3	5	9	8	9	10/2/97	International	C12N	15/55		
	WO	9	7	9	9	7	6	0	10/30/97	International	A61K	33/26		
	WO	9	8	0	3	4	9	2	1/29/98	International	C07D	295/18		
	WO	9	9	2	5	2	6	6	4/29/99	International	A61K	31/19		
	WO	9	5	2	1	5	6	2	5/6/99	International	A61K	31/557		
	WO	9	9	2	2	7	3	1	5/14/99	International	A61K	31/44		
	WO	0	2	1	5	6	3	9	3/23/00	International	C07D	471/04		
/PM/	WO	0	0	1	5	2	2	8	3/23/00	International	A61K	31/4985		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
/PM/		Traish, A., Moreland, R. B., Huang, Y., et al., Mol. Cell Biol. Res. Comm., 2, 131-137 (1999).												

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			ATTY. DOCKET NO. PC10343B	SERIAL NO. Not Yet Assigned
			APPLICANT Graham Nigel Maw, et al.	
			FILING DATE Herewith	GROUP 1657
/PM/			Palle, Bredkjaer, Ottesen and Fahrenkrug 1990 Clinical and Experimental Pharmacology and Physiology vol 17, 61-68.	
			Beavo JA and Reifsnnyder DH, <i>Trends Pharmacol. Sci.</i> 11:150 (1990).	
			Beavo J and Housley MD (Eds.), <i>Cyclic Nucleotide Phosphodiesterases: Structure, Regulation and Drug Action</i> John Wiley & Sons, Chichester, pp. 3-15 (1990).	
			Wleshaar RE et al., <i>J. Med. Chem.</i> , 28, 537 (1985).	
			Giembycz MA, <i>Biochem. Pharm.</i> , 43:2041 (1992).	
			Lowe JA and Cheng JB, <i>Drugs for the Future</i> , 17, 799-807 (1992).	
			Ashur-Fabian, O., Perl, O., Lilling, G., et al., "SNV, a lipophilic superactive VIP analog, acts through cGMP to promote neuronal survival," <i>Peptides</i> , 20, 629-633 (1999).	
			Berman, J.R., Berman, L. & Goldstein, I., "Female sexual dysfunction: Incidence, pathophysiology, evaluation, and treatment options," <i>Urology</i> , 54, 385-391 (1999).	
			Berman, J., Goldstein, I., Werbin, T. et al., "Double blind placebo controlled study with crossover to assess effect of sildenafil on physiological parameters of the female sexual response," <i>J. Urol.</i> , 161, 805 (1999)	
			Burnett, A., Calvin, D., Silver, R. et al. "Immunohistochemical description of nitric oxide synthase isoforms in human clitoris," <i>J. Urol.</i> , 158, 75-78 (1997).	
			Diagnostic and statistical manual of mental disorders-IV, American Psychiatric Association: Washington, DC., pp. 493-518 (1994).	
			Fan, Y.P., Chakder, S & Ratton, S., "Inhibitory effect of zinc protoporphyrin IX on lower esophageal sphincter smooth muscle relaxation by vasoactive intestinal polypeptide and other receptor agonists," <i>J. Pharmacol. Exp. Ther.</i> , 285, 468-474 (1998).	
			Foda, H.D., Sharaf, H.H. Absood, A. et al., "Pituitary adenylate cyclase-activating peptide (PACAP), a VIP-like peptide, has prolonged airway smooth muscle relaxant activity," <i>Peptides</i> , 16, 1057-1061 (1995).	
			Frank, E., Anderson, C. & Rubinstein, D. "Frequency of sexual dysfunction in "normal" couples," <i>N. Engl. J. Med.</i> , 220, 111-115 (1978).	
/PM/			Goldstein, I. & Berman, J.R. "Vasculogenic female sexual dysfunction: vaginal engorgement and clitoral erectile insufficiency syndromes," <i>Int. J. Impot. Res.</i> , 10, S84-S90 (1998).	
			Gu, Z.F., Jensen, R.T. & Maton, P.N. "A primary role for protein kinase A in smooth muscle relaxation induced by adrenergic agonists and neuropeptides," <i>Am J. Physiol.</i> , 263, G360-G364 (1992).	
			Hauser-Kronberger, C., Cheung, A., Hacker, G. et al., "Peptidergic innervation of the human clitoris," <i>Peptides</i> , 20, 539-543 (1999).	
			Hoyle, C.H.V., Stones, R.W., Robson, T. et al., "Innervation of vasculature and microvasculature of the human vagina by NOS and neuropeptide containing nerves," <i>J. Anat.</i> , 188, 633-644 (1996).	
			Ingenhoven, N. & Beck-Sickinger, A.G. "Fluorescent labelled analogues of neuropeptide Y for the characterisation of cells expressing NPY receptor subtypes," <i>J. Recept. Signal Transduct. Res.</i> , 17, 407-418 (1997).	
			Jovanovic, A., Jovanovic, S., Tulic, I. et al., "Predominant role for nitric oxide in the relaxation induced by vasoactive intestinal polypeptide in human uterine artery," <i>Mol. Human Reprod.</i> , 4, 71-76 (1998).	
			Kaplan, S.A., Reis, R.B., Kohm, I.J. et al., "Safety and efficacy of sildenafil in postmenopausal women with sexual dysfunction," <i>Urology</i> , 53, 481-486 (1999).	
			Kim, Y.C., Choi, H.K., Ahn, Y.S., et al. "The effect of vasoactive intestinal polypeptide (VIP) on rabbit cavernosal smooth muscle contractility," <i>J. Androl.</i> , 15, 392-397 (1994).	
/PM/			Laan, E. & Everaerd, W. "Physiological measures of vaginal vasocongestion," <i>Int. J. Impot. Res.</i> , 10, S107-S110 (1998).	

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/PM/			Leiblum, S.R. "Definition and classification of female sexual disorders," <i>Int. J. Impotence Res.</i> , 10, S104-S106 (1998).	
			Levin, R.J., "The physiology of sexual function in women," <i>Clin. Obstet. Gynecol.</i> , 7, 213-252 (1980).	
			Levin, R.J., "VIP, vagina, clitoral and preurethral glands: An update on female genital arousal," <i>Exp. Clin. Endocrinol.</i> , 98, 61-69 (1991).	
			Levin, R.J., "The mechanisms of human female sexual arousal," <i>Ann. Rev. Sex Res.</i> , 3, 1-48 (1992).	
			Levin, R.J., & Wagner, G.) "TRH and vaginal blood flow-effects in conscious women and anaesthetized sheep," <i>J. Physiol.</i> , 378, 83P (1986)	
			Lundberg, J.M., Modin, A. & Malmstrom, R.E. "Recent developments with neuropeptide Y receptor antagonists," <i>Trends. Pharmacol. Sci.</i> , 17, 301-304 (1996).	
			Ottesen, B., Gerstenberg, T. Ulrichsen, H. et al., "Vasoactive intestinal polypeptide (VIP) increases vaginal blood flow and inhibits smooth muscle activity in women," <i>Eur. J. Clin. Invest.</i> , 13, 321-324 (1983).	
			Ottesen, B., Wagner, G & Fahrenkrug, J., <i>Peptide innervation of the sexual organs</i> . In: Handbook of Sexology, Vol. 6, The Pharmacological and Endocrinology of Sexual Function, Sitsen, J.M.A. (eds), Amsterdam: Elsevier Science Publishers, chapter 4, pp 66-97. (1988).	
			Ottensen, B. Pedersen, B., Nielsen, J. et al., "Vasoactive polypeptide (VIP) provokes vaginal lubrication in normal women," <i>Peptides</i> , 8, 797-800 (1987).	
			Park, K., Goldstein, I., Andry, C., et al., "Vasculogenic female sexual dysfunction: The hemodynamic basis for vaginal engorgement insufficiency and clitoral erectile insufficiency," <i>Int. J. Impotence Res.</i> , 9, 27-37 (1997).	
			Rosen, R. Taylor, J., Leiblum, S. et al., "Prevalence of sexual dysfunction in women: results of a survey of 329 women in an outpatient gynecological clinic," <i>J. Sex Marital Ther.</i> , 19, 171-188 (1993).	
			Schiavi, R.C. & Seagraves, R.T., "The biology of sexual function," <i>Psychiat. Clin. North. Am.</i> , 18, 7-23 (1995).	
			Schoeffter, P. & Stoclet, J.C., "Effect of vasoactive intestinal polypeptide (VIP) on cyclic AMP level and relaxation in rat isolated aorta," <i>Eur. J. Pharmacol.</i> , 109, 275-279 (1985).	
			Serradeil-Le Gal, C., Valette, G., Rouby, P.E. et al., "SR 120819A, an orally-active and selective neuropeptide Y Y1 receptor antagonist," <i>FEBS Letters</i> , 3, 192-196 (1995).	
↓			Sjoberg, I. "The vagina: Morphological, functional and ecological aspects," <i>Acta Obst. Gynecol. Scand.</i> , 71, 84-85 (1992).	
/PM/			Spector, I.P. & Carey, M.P. "Incidence and prevalence of sexual dysfunctions: a critical review of the empirical literature," <i>Arch. Sex. Behav.</i> , 19, 389-408 (1990).	
			Wagner, G. "Aspects of genital physiology and pathology," <i>Sem. Neurol.</i> , 12, 87-97 (1992).	
			Werbin, T., Salimpour, P., Berman, L., et al., "Effect of sexual stimulation and age on genital blood flow in women and sexual stimulation," <i>J. Urol.</i> , 161, 688 (1999).	
			Wincze, J.P., Albert, a. & Bansal, S. "Sexual arousal in diabetic females: Physiological and self-report measures," <i>Arch. Sex Behav.</i> , 22, 587-601 (1993).	
			Wieland, H.A., Willim, K.D., Entzeroth, M. et al., "Subtype selectivity and antagonist profile of the nonpeptide Y1 receptor antagonist BIBP 3226," <i>J Pharmacol Exp Ther.</i> , 275, 143-9 (1995).	
			Ottesen, B. <i>American Journal of Obstetrics & Gynecology</i> , "Vasoactive Intestinal Peptide as a Neurotransmitter in the Female Genital Tract", Volume 147, pages 208-224 (1983)	
↓			Clark, J.T., et al., <i>Endocrinology</i> , "Neuropeptide Y Stimulates Feeling But Inhibits Sexual Behavior in Rats", Volume 117, No. 6., pages 2435-2442 (1985)	
/PM/			Suzuki, H., et al., <i>American Journal of Physiology</i> , "Neutral Endopeptidase Modulates VIP-Induced Vasodilatation In Hamster Cheek Pouch Vessels in Situ", Volume 271, No. 2, Part. 2, pages R393-R397 (1996)	

10/686,390

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/PM/		Erdos, E.G., et al., <u>Laboratory Investigation</u> , "Neutral Metalloendopeptidase In Human Male Genital Tract", Volume 52, No. 4, pages 737-747 (1985)	
		United States Non-Provisional Patent Application No. 09/708,344, filed November 8, 2000; Maw, et al., "Compounds for the Treatment of Female Sexual Dysfunction", (Our Docket No. PC10931A)	
		United States Non-Provisional Patent Application No. 09/708,365, filed November 8, 2000; Maw, et al., "Compounds for the Treatment of Female Sexual Dysfunction", (Our Docket No. PC10932A)	
		United States Non-Provisional Patent Application No. 09/708,393, filed November 8, 2000; Maw, et al., "Compounds for the Treatment of Female Sexual Dysfunction", (Our Docket No. PC10930A)	
		Hedlund, et al., <u>PNASu</u> , "Erectile Dysfunction in Cyclin GMP-Dependent Kinase I-Deficient Mice", Volume 97, No. 5, pages 2349-2354 (2000)	
		U.S. 2002-0052370, filed April 02; Barber, et al., 514/237.5	
		U.S. 2002-0169101, filed November 2002; Gonzalez, et al., 514/1	
		U.S. Non-Provisional Application No. 09/895,367 filed June 29, 200.	
		US 2002/0028846	
		US2001/0051656	
/PM/		US2002/0019405	
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/Paul Martin/		04/18/2007	

Conforms with FORM PTO-FB-A820

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